

## Abstract

In a picture information encoding apparatus that outputs picture compression information according to a picture encoding system such as MPEG4/AVC, when it is determined whether the mode of a predetermined block is a skip mode or a spatial direct mode, moving vector information and so forth for all of predetermined adjacent blocks needs to have been computed. However, when each block is processed in parallel to speed up the entire processes, moving vector information and so forth of the predetermined adjacent blocks may not be always obtained. In this case, moving vector information and so forth of neighbor blocks instead of adjacent blocks are pseudo-used to determine the mode of the block without need to wait until moving vector information and so forth of adjacent blocks have been computed.